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Washington, D.C. 20231

DEAD/FACE-1994

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
08/1819, 669			

EXAMINER	
ART UNIT	PAPER NUMBER
	25

DATE MAILED:

Please find below a communication from the EXAMINER in charge of this application

Commissioner of Patents

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 CFR 1.821 through 1.825 for the reasons set forth in the attached sheets.

1. On June 7, 1999, Applicant filed a new CRF. However, the CRF is defective for the reasons set forth in the attached sheets. Applicant is required to file a new CRF and paper copy of CRF.

Applicant is given ONE MONTH, or THIRTY DAYS, whichever is longer, from the mailing date of this letter within which to comply with the sequence rules, 37 CFR 1.821 - 1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 CFR 1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a). In no case may an applicant extend the period for reply beyond the SIX MONTH statutory period. Direct the reply to the undersigned. Applicant is requested to return a copy of the attached Notice to Comply with the reply.

Martha T. Lubet

THOMAS M. CUNNINGHAM
PRIMARY EXAMINER
GROUP 1800

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821 - 1.825 for the following reason(s):

1. This application clearly fails to comply with the requirements of 37 CFR 1.821 - 1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990. *SEE ATTACHED SHEET*

2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 CFR 1.821(c).

3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e).

4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."

5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).

6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 CFR 1.821(e).

7.

Other: _____

Applicant must provide:

An initial or substitute computer readable form (CRF) copy of the "Sequence Listing"

An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification

A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 CFR 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d)

For questions regarding compliance with these requirements, please contact:

For Rules Interpretation, call (703) 308-1123

For CRF submission help, call (703) 308-4212

For PatentIn software help, call (703) 557-0400

Please return a copy of this notice with your response.

Gambel

1644

CRFs are Corrected by the STIC Systems Branch

Serial Number: 08/819,6690

CRF Processing Date: 10/7/99
Edited by: A (STIC staff)
Verified by:

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically: ENTERED

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other #25

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: 8, 24

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included: (B) TYPE (seq 17)

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____

Inserted mandatory headings, specifically: _____

Corrected an obvious error in the response, specifically: _____

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically: _____

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

Other: _____

* Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/819,669DDATE: 10/07/1999
TIME: 12:45:40

INPUT SET: S33581.raw

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

SEQUENCE LISTING

Does Not Comply
Corrected Diskette Needed

1
2
3 (1) General Information:
4
5 (i) APPLICANTS: Boon-Falleur, Thierry; Van der Bruggen, Thierry;
6 Van den Eynde, Beno t; Van Pel, Aline; De Plaen, Etienne;
7 Lurquin, Christophe; Chomez, Patrick; Traversari, Catia
8
9 (ii) TITLE OF INVENTION: Tumor Rejection Antigen Precursors, Tumor
10 Rejection Antigens and Uses Thereof
11
12 (iii) NUMBER OF SEQUENCES: 26
13
14 (iv) CORRESPONDENCE ADDRESS:
15 (A) ADDRESSEE: Fulbright & Jaworski LLP
16 (B) STREET: 666 Fifth Avenue
17 (C) CITY: New York City
18 (D) STATE: New York
19 (E) COUNTRY: USA
20 (F) ZIP: 10103
21
22 (v) COMPUTER READABLE FORM:
23 (A) MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
24 (B) COMPUTER: IBM
25 (C) OPERATING SYSTEM: PC-DOS
26 (D) SOFTWARE: Wordperfect
27
28 (vi) CURRENT APPLICATION DATA:
29 (A) APPLICATION NUMBER: 08/819,669
30 (B) FILING DATE: 17-March-1997
31 (C) CLASSIFICATION: 435
32
33 (vii) PRIOR APPLICATION DATA:
34 (A) APPLICATION NUMBER: 08/142,368
35 (B) FILING DATE: 02-MAY-1994
36
37 (vii) PRIOR APPLICATION DATA:
38 (A) APPLICATION NUMBER: PCT/US92/04354
39 (B) FILING DATE: 22-MAY-1992
40
41 (vii) PRIOR APPLICATION DATA:
42 (A) APPLICATION NUMBER: 07/807,043
43 (B) FILING DATE: 12-DECEMBER-1991
44
45 (vii) PRIOR APPLICATION DATA:

--> A

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/819,669DDATE: 10/07/1999
TIME: 12:45:40

INPUT SET: S33581.raw

46 (A) APPLICATION NUMBER: 07/764,364
 47 (B) FILING DATE: 23-SEPTEMBER-1991
 48
 49 (vii) PRIOR APPLICATION DATA:
 50 (A) APPLICATION NUMBER: 07/728,838
 51 (b) FILING DATE: 9-JULY-1991
 52
 53 (vii) PRIOR APPLICATION DATA:
 54 (A) APPLICATION NUMBER: 07/705,702
 55 (B) FILING DATE: 23-May-1991
 56
 57 (viii) ATTORNEY/AGENT INFORMATION:
 58 (A) NAME: Hanson, Norman D.
 59 (B) REGISTRATION NUMBER: 30,946
 60 (C) REFERENCE/DOCKET NUMBER: LUD 5253.5-US
 61
 62 (ix) TELECOMMUNICATION INFORMATION:
 63 (A) TELEPHONE: (212)318-3168
 64 (B) TELEFAX: (212)752-5958
 65
 66
 67

ERRORED SEQUENCES FOLLOW:

398 (2) INFORMATION FOR SEQ ID NO: 8:
 399 (i) SEQUENCE CHARACTERISTICS:
 400 (A) LENGTH: 5674 base pairs
 401 (B) TYPE: nucleic acid
 402 (C) STRANDEDNESS: single
 403 (D) TOPOLOGY: linear
 404 (ii) MOLECULE TYPE: genomic DNA
 405 (ix) FEATURE:
 406 (A) NAME/KEY: MAGE-1 gene
 407 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
 408
 409
 410 CCCGGGGCAC CACTGGCATC CCTCCCCCTA CCACCCCCAA TCCCTCCCTT 50
 411 TACGCCACCC ATCCAAACAT CTTCACGCTC ACCCCCAGCC CAAGCCAGGC 100
 412 AGAATCCGGT TCCACCCCTG CTCTCAACCC AGGGAAGGCC AGGTGCCAG 150
 413 ATGTGACGCC ACTGACTTGA GCATTAGTGG TTAGAGAGAA GCGAGGTTTT 200
 414 CGGTCTGAGG GGCAGCTTGA GATCGGTGGA GGGAAAGCGGG CCCAGCTCTG 250
 415 TAAGGAGGCA AGGTGACATG CTGAGGGAGG ACTGAGGACC CACTTACCCC 300
 416 AGATAGAGGA CCCCAAATAA TCCCTTCATG CCAGTCCTGG ACCATCTGGT 350
 417 GGTGGACTTC TCAGGGCTGGG CCACCCCCAG CCCCTTGCT GCTTAAACCA 400
 418 CTGGGGACTC GAAGTCAGAG CTCCGTGTGA TCAGGGAGG GCTGCTTAGG 450
 419 AGAGGGCAGC GTCCAGGCTC TGCCAGACAT CATGCTCAGG ATTCTCAAGG 500
 420 AGGGCTGAGG GTCCCTAAGA CCCCACTCCC GTGACCCAAC CCCCACTCCA 550
 421 ATGCTCACTC CCGTGACCCA ACCCCCCCTT CATTGTCATT CCAACCCCCA 600
 422 CCCCACATCC CCCACCCCCAT CCCTCAACCC TGATGCCCAT CCGCCCCAGCC 650

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/819,669DDATE: 10/07/1999
TIME: 12:45:41

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426	AGGGACGGCG TAGAGTCGG CCGAAGGAAC CTGACCCAGG CTCTGTGAGG	850
427	AGGCAAGGTG AGAGGCTGAG GGAGGACTGA GGACCCCCGC ACTCCAAATA	900
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465	GTGAGGACCT CATTCTCAGA GGGTACTCA GGTCAACGTA GGGACCCCCA	2800
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475	GGGCAGGATC CAGGCCCTGC CAGGAAAAAT ATAAGGGCCC TGCGTGAGAA	3300

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/819,669DDATE: 10/07/1999
TIME: 12:45:41

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490	CAG GCT GCC ACC TCC TCC TCT CCT CTG GTC CTG GGC ACC	4006
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492	AGT CCT CAG GGA GCC TCC GCC TTT CCC ACT ACC ATC AAC TTC	4090
493	ACT CGA CAG AGG CAA CCC AGT GAG GGT TCC AGC AGC CGT GAA	4132
494	GAG GAG GGG CCA AGC ACC TCT TGT ATC CTG GAG TCC TTG TTC	4184 4174
495	CGA GCA GTA ATC ACT AAG AAG GTG GCT GAT TTG GTT GGT TTT	4216 OK
496	CTG CTC CTC AAA TAT CGA GCC AGG GAG CCA GTC ACA AAG GCA	4258
497	GAA ATG CTG GAG AGT GTC ATC AAA AAT TAC AAG CAC TGT TTT	4300
498	CCT GAG ATC TTC GGC AAA GCC TCT GAG TCC TTG CAG CTG GTC	4342
499	TTT GGC ATT GAC GTG AAG GAA GCA GAC CCC ACC GGC CAC TCC	4384
500	TAT GTC CTT GTC ACC TGC CTA GGT CTC TCC TAT GAT GGC CTG	4426
501	CTG GGT GAT AAT CAG ATC ATG CCC AAG ACA GGC TTC CTG ATA	4468
502	ATT GTC CTG GTC ATG ATT GCA ATG GAG GGC GGC CAT GCT CCT	4510
503	GAG GAG GAA ATC TGG GAG GAG CTG AGT GTG ATG GAG GTG TAT	4552
504	GAT GGG AGG GAG CAC AGT GCC TAT GGG GAG CCC AGG AAG CTG	4594
505	CTC ACC CAA GAT TTG GTG CAG GAA AAG TAC CTG GAG TAC GGC	4636
506	AGG TGC CGG ACA GTG ATC CCG CAC GCT ATG AGT TCC TGT GGG	4688 4678
507	GTC CAA GGG CCC TCG CTG AAA CCA GCT ATG TGA	4711 OK
508	AAGTCCTTGA GTATGTGATC AAGTCAGTG CAAGAGTTC	4750
509	GCTTTTCTT CCCATCCCTG CGTGAAGCAG CTTTGAGAGA GGAGGAAGAG	4800
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515	AAGTTTATGA ATGACAGCAG TCACACAGTT CTGTGTATAT AGTTAAGGG	5100
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521	TAAAGAATTTC TTCCTGTTCA CTGGCTCTT TCTTCTCCAT GCACTGAGCA	5400
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524	AATCGAGGTG GCAAGATGTC CTCTAAAGAT GTAGGGAAAA GTGAGAGAGG	5550
525	GGTGAGGGTG TGGGGCTCCG GGTGAGAGTG GTGGAGTGTGTC AATGCCCTGA	5600
526	GCTGGGGCAT TTTGGGCTTT GGGAAACTGTC AGTTCCCTCT GGGGGAGCTG	5650
527	ATTGTAATGA TCTTGGGTGG ATCC	5674
528		

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/819,669DDATE: 10/07/1999
TIME: 12:45:41

INPUT SET: S33581.raw

529
530

1003 (2) INFORMATION FOR SEQ ID NO: 17:
 1004 (i) SEQUENCE CHARACTERISTICS:
 1005 (A) LENGTH: 2305 base pairs
 --> 1006 (B) TYPE: nucleic acid
 1007 (C) STRANDEDNESS: single
 1008 (D) TOPOLOGY: linear
 1009 (ii) MOLECULE TYPE: genomic DNA
 1010 (ix) FEATURE:
 1011 (A) NAME/KEY: MAGE-51 gene
 1012 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
 1013
 1014
 1015

1016	GGATCCAGGC CTTGCCAGGA GAAAGGTGAG GGCCCTGTGT GAGCACAGAG	50
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1018	TCCTGTTAGC ACTGGGGGCC TGAGGCTGTG CTTGCAGTCT GCACCCCTGAG	150
1019	GGCCCATGCA TTCCCTCTCC AGGAGCTCCA GGAAACAGAC ACTGAGGCCT	200
1020	TGGTCTGAGG CCGTCCCCCTC AGGTACACAGA GCAGAGGAGA TGCAGACGTC	250
1021	TAGTGCCAGC AGTGAACGTT TGCCTTGAAT GCACACTAAT GGCCCCCATC	300
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1030	GGC CTT GAC ACC CAA GAA GAG CCC TGG GCC TGG TGG GTG TGC	728
1031	AGG CTG CCA CTA CTG AGG AGC AGG AGG CTG TGT CCT CCT CCT	770
1032	CTC CTC TGG TCC CAG GCA CCC TGG GGG AGG TGC CTG CTG CTG	812
1033	GGT CAC CAG GTC CTC TCA AGA GTC CTC AGG GAG CCT CCG CCA	854
1034	TCC CCA CTG CCA TCG ATT TCA CTC TAT GGA GGC AAT CCA TTA	896
1035	AGG GCT CCA GCA ACC AAG AAG AGG AGG GGC CAA GCA CCT CCC	938
1036	CTG ACC CAG AGT CTG TGT TCC GAG CAG CAC TCA GTA AGA AGG	980
1037	TGG CTG ACT TGA	992
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1039	GAAATGCTGG AGAGCGTCAT CAAAAATTAC AAGCGCTGCT TTCCTGAGAT	1092
1040	CTTCGGCAAA GCCTCCGAGT CTTGCAGCT GGTCTTTGGC ATTGACGTGA	1142
1041	AGGAAGCGGA CCCCCACCAGC AACACCTACA CCCTTGTAC CTGCGCTGGGA	1192
1042	CTCCTATGAT GCCCTGGTGG TTTAATCAGA TCATGCCAA GACGGGCCTC	1242
1043	CTGATAATCG TCTTGGGCAT GATTGCAATG GAGGGCAAAT GCGTCCCTGA	1292
1044	GGAGAAAATC TGGGAGGAGC TGGGTGTGAT GAAGGTGTAT GTTGGGAGGG	1342
1045	AGCACAGTGT CTGTGGGGAG CCCAGGAAGC TGCTCACCCA AGATTGGTG	1392
1046	CAGGAAAAC ACCTGGAGTA CCGCAGGTGC CCAGCAGTGA TCCCATATGC	1442
1047	TATGAGTTAC TGTGGGGTCC AAGGGCACTC GCTGTTGAA AGTACTGGAG	1492
1048	CACGTGGTCA GGGTCAATGC AAGAGTTCTC ATTTCCTTAC CATCCCTGCA	1542
1049	TGAAGCAGCT TTGAGAGAGG AGGAAGAGGG AGTCTGAGCA TGAGCTGCAG	1592
1050	CCAGGGCCAC TGCGAGGGGG GCTGGGCCAG TGCACCTTCC AGGGCTCCGT	1642
1051	CCAGTAGTTT CCCCTGCCTT AATGTGACAT GAGGCCATT CTTCTCTCTT	1692
1052	TGAAGAGAGC AGTCAACATT CTTAGTAGTG GGTTCTGTT CTATTGGATG	1742

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/819,669DDATE: 10/07/1999
TIME: 12:45:42

INPUT SET: S33581.raw

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1056	TTCAGATTGG GAAATCCATT CCATTTGTG AATTGGGACA TAGTTACAGC	1942
1057	AGTGGAAATAA GTATTCAATT AGAAATGTGA ATGAGCAGTA AAACTGATGA	1992
1058	GATAAAGAAA TTAAAAGATA TTTAATTCTT GCCTTATACT CAGTCTATT	2042
1059	GGTAAAATTT TTTTTTAAAA ATGTGCATAC CTGGATTTC TTGGCTTCTT	2092
1060	TGAGAATGTA AGACAAATTAA AATCTGAATA AATCATTCTC CCTGTTCACT	2142
1061	GGCTCATTAA TTCTCTATGC ACTGAGCATT TGCTCTGTGG AAGGCCCTGG	2192
1062	GTAAATAGTG GAGATGCTAA GGTAAGCCAG ACTCACCCCT ACCCACAGGG	2242
1063	TAGTAAAGTC TAGGAGCAGC AGTCATATAA TTAAGGTGGA GAGATGCCCT	2292
1064	CTAAGATGTA GAG	2305
1065		
1066		
1067		
1068		

1328 (2) INFORMATION FOR SEQ ID NO: 24:
1329 (i) SEQUENCE CHARACTERISTICS:
1330 (A) LENGTH: 2150 base pairs
1331 (B) TYPE: nucleic acid
1332 (C) STRANDEDNESS: single

08/819,669D

(D) TOPOLOGY: linear

1334 (ii) MOLECULE TYPE: genomic DNA
1335 (ix) FEATURE:
1336 (A) NAME/KEY: smage-I
1337 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 24:

1338

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1341	TCTGTCTGCA TATGCCTCCA CTTGTGTGTA GCAGTCTCAA ATGGATCTCT	50
1342	CTCTACAGAC CTCTGTCTGT GTCTGGCACC CTAAGTGGCT TTGCATGGC	100
1343	ACAGGTTTCT GCCCCTGCAT GGAGCTTAAA TAGATCTTTC TCCACAGGCC	150
1344	TATACCCCTG CATTGTAAGT TTAAGTGGCT TTATGTGGAT ACAGGTCTCT	200
1345	GCCCTGTAT GCAGGCCTAA GTTTTCTGT CTGCTTAACC CCTCCAAGTG	250
1346	AAGCTAGTGA AAGATCTAAC CCACCTTTGG AAGTCTGAAA CTAGACTTTT	300
1347	ATGCAGTGGC CTAACAAGTT TTAATTCTT CCACAGGGTT TGCAGAAAAG	350
1348	AGCTTGATCC ACGAGTTCAG AAGTCCTGGT ATGTTCCCTAG AAAG	394
1349	ATG TTC TCC TGG AAA GCT TCA AAA GCC AGG TCT CCA TTA AGT	436
1350	CCA AGG TAT TCT CTA CCT GGT AGT ACA GAG GTA CTT ACA GGT	478
1351	TGT CAT TCT TAT CCT TCC AGA TTC CTG TCT GCC AGC TCT TTT	520
--> 1352	ACT TCA GCC CTG AGC ACA GTC AAC ATG CCT AGG GGT CAA AAG	565
--> 1353	AGT AAG ACC CGC TCC CGT GCA AAA CGA CAG CAG TCA CGC AGG	562
1354	GAG GTT CCA GTA GTT CAG CCC ACT GCA GAG GAA GCA GGG TCT	646
1355	TCT CCT GTT GAC CAG AGT GCT GGG TCC AGC TTC CCT GGT GGT	688
1356	TCT GCT CCT CAG GGT GTG AAA ACC CCT GGA TCT TTT GGT GCA	730
1357	GGT GTA TCC TGC ACA GGC TCT GGT ATA GGT GGT AGA AAT GCT	772
1358	GCT GTC CTG CCT GAT ACA AAA AGT TCA GAT GGC ACC CAG GCA	814
1359	GGG ACT TCC ATT CAG CAC ACA CTG AAA GAT CCT ATC ATG AGG	856
1360	AAG GCT AGT GTG CTG ATA GAA TTC CTG CTA GAT AAA TTT AAG	898
1361	ATG AAA GAA GCA GTT ACA AGG AGT GAA ATG CTG GCA GTC GTT	940
1362	AAC AAG AAG TAT AAG GAG CAA TTC CCT GAG ATC CTC AGG AGA	982
1363	ACT TCT GCA CGC CTA GAA TTA GTC TTT GGT CTT GAG TTG AAG	1024

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/819,669DDATE: 10/07/1999
TIME: 12:45:42

INPUT SET: S33581.raw

1364	GAA ATT GAT CCC AGC ACT CAT TCC TAT TTG CTG GTA GGC AAA	1066
1365	CTG GGT CTT TCC ACT GAG GGA AGT TTG AGT AGT AAC TGG GGG	1108
1366	TTG CCT AGG ACA GGT CTC CTA ATG TCT GTC CTA GGT GTG ATC	1150
1367	TTC ATG AAG GGT AAC CGT GCC ACT GAG CAA GAG GTC TGG CAA	1192
1368	TTT CTG CAT GGA GTG GGG GTA TAT GCT GGG AAG AAG CAC TTG	1234
1369	ATC TTT GGC GAG CCT GAG GAG TTT ATA AGA GAT GTA GTG CGG	1276
--> 1370	GAA AAT TAC CTG GAG TAC CGC CAG GTA CCT GGC AGT GAT CCC	1314 13/8
--> 1371	CCA AGC TAT GAG TTC CTG TGG GGA CCC AGA GCC CAT GCT GAA	1360 9K
1372	ACA ACC AAG ATG AAA GTC CTG GAA GTT TTA GCT AAA GTC AAT	1402
1373	GGC ACA GTC CCT AGT GCC TTC CCT AAT CTC TAC CAG TTG GCT	1444
1374	CTT AGA GAT CAG GCA GGA GGG GTG CCA AGA AGG AGA GTT CAA	1486
1375	GGC AAG GGT GTT CAT TCC AAG GCC CCA TCC CAA AAG TCC TCT	1528
1376	AAC ATG TAG	1537
1377	TTGAGTCTGT TCTGTTGTGTTGAAAAACA GTCAGGCTCC TAATCAGTAG	1587
1378	AGAGTTCATCA GCCTACCAGA ACCAACATGC ATCCATTCTT GGCTCTTAT	1637
1379	ACATTAGTAG AATGGAGGCT ATTTTTGTTA CTTTCAAAT GTTGTAA	1687
1380	CTAAACAGTG CTTTTTGCCTA TGCTCTTGT TAACTGCATA AAGAGGTAAC	1737
1381	TGTCACTTGT CAGATTAGGA CTTGTTTGT TATTTGCAAC AAACCTGGAAA	1787
1382	ACATTATTTT GTTTTTACTA AAACATTGTG TAACATTGCA TTGGAGAAGG	1837
1383	GATTGTCATG GCAATGTGAT ATCATAACAGT GGTGAAACAA CAGTGAAGTG	1887
1384	GGAAAGTTTA TATTGTTAAT TTTGAAAATT TTATGAGTGT GATTGCTGTA	1937
1385	TACTTTTTC TTTTTGTAT AATGCTAAGT GAAATAAAGT TGGATTGAT	1987
1386	GACTTTACTC AAATTCAATTAA GAAAGTAAAT CGTAAAACTC TATTACTTTA	2037
1387	TTATTCTTCAATTATGAA TTAAGCATTG GTTATCTGGA AGTTCTCCA	2087
1388	GTAGCACAGG ATCTAGTATG AAATGTATCT AGTATAGGCA CTGACAGTGA	2137
1389	GTTATCAGAG TCT	2150
1390		
1391		
1392		

PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/819,669D

DATE: 10/07/1999

TIME: 12:45:42

INPUT SET: S33581.raw

Line	Error	Original Text
31	Wrong Classification	(C) CLASSIFICATION: 435
494	# of Sequences for line conflicts w/ running total	GAG GAG GGG CCA AGC ACC TCT TGT ATC CTG GA
495	# of Sequences for line conflicts w/ running total	CGA GCA GTA ATC ACT AAG AAG GTG GCT GAT TT
506	# of Sequences for line conflicts w/ running total	AGG TGC CGG ACA GTG ATC CCG CAC GCT ATG AG
507	# of Sequences for line conflicts w/ running total	GTC CAA GGG CCC TCG CTG AAA CCA GCT ATG TG
1006	Unknown or Misplaced Identifier	(B) TYPE; nucleic acid
1352	# of Sequences for line conflicts w/ running total	ACT TCA GCC CTG AGC ACA GTC AAC ATG CCT AG
1353	# of Sequences for line conflicts w/ running total	AGT AAG ACC CGC TCC CGT GCA AAA CGA CAG CA
1370	# of Sequences for line conflicts w/ running total	GAA AAT TAC CTG GAG TAC CGC CAG GTA CCT GG
1371	# of Sequences for line conflicts w/ running total	CCA AGC TAT GAG TTC CTG TGG GGA CCC AGA GC